

## APPENDIX A

### DERIVATION OF PRIORITY LISTING FOR STABILIZATION AND MAINTENANCE OF HISTORIC STRUCTURES AT KALAUPAPA

Earlier, others prioritized Kalaupapa historic structures for stabilization or maintenance treatment. Regional Historical Architect Cox (1980) recommended a priority based in part upon best architectural samples and in part upon structural need for immediate emergency treatment. Soulliere and Law (1979) summarized relative importance of structures ranking them upon their known historical and architectural significance. Apple (1982) ranked structures by weighing relative importance of:

- (1) features as illustrating the significant interpretive theme of the park and,
- (2) providing "essential community services" (i.e., better to use a historic structure of the period to house a needed community function than to let such a structure deteriorate, then spend money to replace it with a new non-period structure) and,
- (3) as groupings of structures (illustrating the prk's significant interpretive theme) rather than as individual buildings, and he raised a conscious need to think priorities with a sense of community areas to be preserved.

With receipt of stabilization moneys from PRIPS in 1983, the need for a rational priority list for spending stabilization moneys became an immediate necessity. (Okay, we got \$250,000; what do we do right now to which of the 400 same odd structures?)

Historic Architect Henry Law and Pacific Area Director Bryan Harry then developed (or consolidated from past efforts) a draft priority list philosophically and mechanically as follows:

The CRITERIA. Four criteria were used:

1. The importance of the structure in interpreting the Primary Interpretive Theme of Kalaupapa National Historical Park. That theme is explained on page 2 of this report. The question is simply, "as interpreter of Kalaupapa, what structure would help you most in conveying that theme to a park visitor?" Next most?, next most?, etc.
2. The importance of the structure in relation to the most important zones or association of structures as they relate to the Primary Interpretive Theme of the park. Again, the question is simply, "as an interpreter of Kalaupapa, what

grouping of structures would help you most in conveying the theme to park visitors?" Next most?, next most?, etc.

3. The importance of the structure in providing an essential community service -- to the extent that abandoning the structure would merely require us to construct a new building to carry on an essential service or use.
4. The structure's conformance to integrity and feasibility criteria listed in "National Park Service Criteria for Historical Areas."
5. A cost/benefit consideration of stabilization needs. For example, if building priority A will cost \$250,000, and buildings priority B plus C plus D plus E plus F will together cost \$250,000 to stabilize, is A alone worth more than a package of B + C + D + E + F? Maybe yes, maybe no.

Based upon the above criteria, Law and Harry developed a sequence and method to sort the 400 some odd buildings into a priority. That method sequence was this:

- A. The Kalaupapa settlement was divided into zones with a "comprehensible" or "manageable" number of buildings and of relative importance based upon the "Criteria" above. Figure 2 shows these zones. In this scheme, a person interpreting Kalaupapa's primary theme would find having the group of structures in Zone A more help in that task than having say the group of structures in Zone I. (However, perhaps it might be a toss-up whether Zone A would be more help than Zone B. Or, the difference between close priorities isn't much — but between distant priorities it is significant.)
- B. With the park computer they printed out a list of all buildings by zones showing priority rankings by Apple, Cox, and Soulliere and Law. Tables 7 and 8 are examples of two such lists.
- C. With these lists in hand (which had previous workers rankings), Law and Harry on-site prioritized the structures within each zone based upon the "Criteria." Tables 9 and 10 show samples of the same zones with individual zone priorities of this stage. Note that there is more than a single priority 1; i.e., Zone A and Zone B each have a priority 1. So did all the rest of the zones at this stage.
- D. The next step was to integrate the priorities of buildings in the different zones. This was done on-site by testing the Zone B priority 1 structure against the Zone A list based again on the "Criteria" (it was placed between 4 and 5); then

B2 was so tested (it was placed between 11 and 12); then B3; B4; etc. At this point, a printout was made of the combined Zones A and B single priority list.

- E. During steps C and D above, some buildings began to fall altogether from the list:
  - (1) Those that were not "structures" were given a temporary priority in the 500-600 series. These may be historic 'sites' or archeological ruins.
  - (2) Some buildings beyond stabilization were dropped with priority 997; some which were very low, low in importance were assigned priority 998; those that were gone entirely by termites or rot were assigned 999.
- F. In the same manner, Zone C was integrated into the Priority list of the combined Zones A and B list and a combined Zones A, B, C priority list was made. Each of the following zones were integrated in a similar manner.
- Table 11 shows the completed priorities and the initial zone priorities.
- G. Later the cost/benefit analysis may further revise the priorities. That has not happened at this point.
- H. This list was again reviewed on site posing the simple question, "Based upon the 'Criteria' do these priorities make sense." Some modifications were made. The priority listing in the body of the Cultural Resources Management carries priorities developed in this fashion.

## Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
1	711	ST. PHILOMENA CHURCH
2	710	SILOAMA PROT CHURCH
3	278	VIS/PATIENT MTG HALL
4	274BV	VISITOR QUARTERS
5	277BV	VISITOR QUARTERS
6	523BV	PATIENT RESTROOM
7	720	Siloama Restrooms
8	283BH	FUMIGATION HALL
9	272	PATIENT STORE
10	290	POST OFFICE
11	301	FIRE STATION
12	56	RESIDENC (Malakawa)
13	292	S.F. Church Library
14	291	ST FRANCIS CHURCH
15	308	AJA BUDDHIST HALL
16	15BH	NUN'S RESIDENC
17	302/3	JAIL & POLICE STAT
18	2BV	BAY VIEW RESIDENC
19	3BV	BAY VIEW RESIDENC
20	281	RESIDENC (Seki)
21	5SR	CENTRAL KITCHEN
22	105R	DR. HOUSE, ADMIN RES
23	282	OLD HOSPITAL
24	5BV	BAY VIEW KITCHEN/DIN
25	85R	DENTIST HOUSE, ADMIN
26	267/8	Butcher Shop/Freezer
27	265	Maintenance Shop
28	264	Carpenter Shop
29	273	Gas Station
30	304	PASCHOAL HALL
31	15R	CORNER RESIDENC
32	10aBV	BOARD/BATTEN
33	300	CRAFT BLDG-PASCHOAL
34	28	McVEIGH DORM
35	12	4 APTS(Agustin, et al
36	24M	McVEIGH, POOL HALL
37	23M	McVEIGH REC HALL
38	270-61	Administrative Bldg
39	814	Kal Memorial Hospitl
40	61-71	Residenc (Souza)
41	62	Rea's Store (bar)
42	286	KANAANA HOU CHURCH
43	271	Food Warehouse
44	27M	McVeigh Card Room
45	13M	Residenc
46	15M	Residenc (Hayase)
47	288	Mission House (Drew)

## Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
48	7BH	OUTPATIENT CLINIC
49	257	LDS Church
50	257a	LDS Parish Hall
51	624	Bar Restroom
52	1BV	BAY VIEW RESIDENC
53	16BH	ST. ELIZABETH CHAPEL
54	119-60	RESIDENC, SCHOOL ST
55	114	RESIDENC (Naia)
56	115	Residenc (Nono)
57	116	Residenc (Remigio)
58	10BV	Quonset Residenc
59	118	RESIDENC, Goodhue St
60	8BV	BAY VIEW BUILDING
61	715	MOLOKAI LIGHTHOUSE
62	706	Residenc (Lighthse)
63	713	Generator Shed, Light
64	712	LIGHTHOUSE WATERTANK
65	714	STORAGE VAULT
66	703	Airport Terminal
67	699	Beach House, Arpt Rd
68	695	Beach House, Arpt Rd
69	296	Library
70	522BV	Telephone Station
71	11BV	Residenc (Halstead)
72	117-62	Residenc (Sagadraca)
73	14SR	AEM RESIDENCE
74	6BV	BAY VIEW OLD KITCHEN
75	1aSR	Guest Cottage
76	64BV	Residenc (Malo, inHNL)
77	65R	Freezer Shelter
78	630	Slaughterhouse
79	635	Rock Crusher
80	16SR	Electr Residenc
81	260	Abandoned Store
82	258a	Motor Pool Gas Stat
83	263a	Lumber Warehouse
84	263	Plumbing Warehouse
85	259	Motor Pool Garage
86	53	Residenc, Kilo(Hamai)
87	266	Electric Shop
88	262	Crematory
89	1M	McVeigh Residenc
90	2M	McVeigh Residenc
91	688	Lion's Pavilion
92	687	Publ Restrm, Arpt Rd
93	664	Storage Shed, Kam St
94	11SR	Garage

## Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
	95 294	Rectory (Fernandes)
	96 275BV	Visitor Kitchen/Bini
	97 519BV	Electr Trans Shop
	98 256	Residenc, Kam St
	99 15	Residenc (Kekahuna)
	100 9	Residenc, Kam (Keao)
	101 7	Residenc, Kam (Silva)
	102 33M	Residenc (Gaspar)
	103 32M	Residenc (Hashimoto)
	104 34M	Residenc (Naheopii)
	105 30M	Residenc (Nalalehua)
	106 528	Bay View Lanai
	107 272a	Store Warehouse
	108 20M	Residenc (Frasco)
	109 11M	McVeigh Residenc
	110 8a	Residenc, Kam (Brown)
	111 4	Residenc, Kam (Cabra)
	112 192	Residenc (Fernandez)
	113 181	Residenc (Benjamin)
	114 311-64	Residenc (Nakanishi)
	115 179-62	Residenc (Yonemori)
	116 172-56	Residenc (Rea)
	117 173-56	Residenc (McCarthy)
	118 189	Residenc (Bell)
	119 190-66	Residenc (Soria)
	120 186-64	Residenc (Kalike)
	121 185-71	Residenc, (Chow)
	122 189	Residenc (Kala)
	123 691	Beach House, Arpt Rd
	124 693	Beach House
	125 709	Garage (Lighthse)
	126 707	Residenc (Lighthse)
	127 178-56	Residenc (Ai)
	128 26	Residenc, Damien St
	129 9M	Residenc (Kato)
	130 309	AJA OHT BLDG
	131 152	Residenc (Punikaiah)
	132 151	Residenc (Ramos)
	133 155	Residenc (Kamaka)
	134 157	Residenc (vacant)
	135 600	House, McKinley St
	136 154	Residenc, (Punikaiah)
	137 639	Winch Shed
	138 105-62	Residenc (Puoule)
	139 120-62	Residenc (Yamamoto)
	140 122-62	Residenc (Harada)
	141 156-56	Residenc (Kaona)

## Table 11. HISTORIC STRUCTURES PRIORITIES, KALALUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
	142	121-64 Residenc (Arruda)
	143	123-62 Residenc (Hatori)
	144	106-62 Residenc (Kahilihiwa)
	145	159-62 Residenc (Duarte)
	146	108-56 Residenc (Pili)
	147	107-56 Residenc (Puahala)
	148	112-56 Residenc (Matsuda)
	149	111-56 Residenc (Sumida)
	150	110-64 Residenc (Kailiwai)
	151	158 Residenc, (vacant)
	152	524 Bay View Garage
	153	525BV Bay View Garage
	154	516 Garage, Puahi St
	155	103-64 Residenc (Costales)
	156	101-62 Residenc (Breitha)
	157	287 K. H. Parish Hall
	158	182-62 Residenc, Baldwin St
	159	161 Residenc (Mamuad)
	160	187-64 Residenc (Marks)
	161	564 Garage, Kapiolani St
	162	5M Residenc (Kahikina)
	163	8M Residenc (Lelepalii)
	164	298a Rea Tavern Storage
	165	25M Residenc (Kaakimaka)
	166	3M McVeigh Garage
	167	643 Garage, Kilohana St
	168	640 Restroom
	169	25 Residenc, Kam(vacant)
	170	2 Residenc, Kam St
	171	3 Laundry/Apartment
	172	613 Garage, Goodhue St
	173	175R Laundry Bldg
	174	45R Garage, Staff Row
	175	35M McVeigh Garage
	176	10M Residenc (Brede)
	177	16M Residenc (Leabata)
	178	22M Boiler Room
	179	614 Garage, Goodhue St
	180	155R Garage
	181	609 Garage, Goodhue St
	182	540 Hothouse, Damien Rd
	183	536 Garage, Damien Rd
	184	153-56 Residenc (Taghoy)
	185	3BH Residenc (B. Marks)
	186	4BH Residenc (Una)
	187	599 Garage, McKinley St
	188	592 Garage, McKinley St

Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUFA'AFA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
	189 622	Garage, Bishop St
	190 299	Barber Shop
	191 512BV	Bay View Garage
	192 30	Residence (vacant)
	193 672	Garage, Kam St
	194 816	Airport Maint Bldg
	195 817	Pier
	500 806	ROCK SHELTER
	600 801	BALDWIN BOYS HM SITE
	600 802	LEPROSY STATION RUIN
	600 803	SLAUGHTERHOUSE CHMN
	600 804	KALAWAO BAKERY CHMN
	600 807	DAMIEN MONUMENT
	600 812	KALAWAO FRUIT TREES
	700 808	Graveyard
	700 809	Graveyard
	700 810	Graveyard
	700 811	Graveyard on Puuao
	700 813	Graveyard
	997 1	Residence, Kam St
	997 4M	McVeigh Garage
	997 4aM	McVeigh Garage
	997 4b	Storage Shed, Kam St
	997 6M	McVeigh Residence
	997 7SR	Staff Row
	997 7aBH	Bis Hm Boiler Room
	997 9BH	Old Dorm/Infirmary
	997 9SR	Staff Row
	997 14M	Residence
	997 18BH	Bis Hm Garage
	997 18M	McVeigh Storage
	997 19BH	Bis Hm Shed
	997 19M	Residence
	997 20	Residence, Kam St
	997 21	Residence, vic Kam St
	997 22	Residence, vic Kam St
	997 23a	Chickencoop
	997 33aM	Wash House
	997 55	Residence, Kam (vacant)
	997 63BV	Bay View Residence
	997 65	Bay View Garage
	997 102	Residence, Fuahi St
	997 109-65	Residence, Damien Rd
	997 155a	Tool Shed
	997 176	Residence, Baldwin St
	997 188	Residence, Kaiulani
	997 198	Filipino Club

Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
	997 202	Residence, Kapiolani
	997 202a	Washhouse
	997 258	Slaughterhouse
	997 288b	Garage
	997 284BH	Garage
	997 500M	McVeigh Garage
	997 504M	McVeigh Storage Shed
	997 505M	McVeigh Storage Shed
	997 506M	McVeigh Storage Shed
	997 518BV	Garage
	997 514	Bay View Garage
	997 517	Bay View Garage
	997 518	Bay View Garage
	997 520	Storage Bldg, Puahi
	997 521	Hothouse, Puahi St
	997 531	Garage, Damien Rd
	997 532	Carport, Damien Rd
	997 533	Picnic Shelter
	997 534	Garage, Damien Rd
	997 535	Shed, Damien Rd
	997 537	Pig Sty, Damien Rd
	997 538	Storage Shed, Damien
	997 539	Storage Shed, Damien
	997 541	Garage, Damien Rd
	997 542	Garage, Damien Rd
	997 543	Hothouse, Damien Rd
	997 544	Garage, Damien Rd
	997 546	Hothouse, Damien Rd
	997 547	Garage, Damien Rd
	997 548	Carport, Damien Rd
	997 549	Chickencoop
	997 550	Shed
	997 551	Chickencoop
	997 553	Chickencoop
	997 554	Chickencoop
	997 555	Chickencoop
	997 556	garage, Kapiolani St
	997 556a	Chickencoop
	997 558	Garage, Kapiolani St
	997 559	Garage, Kapiolani St
	997 560	Garage, Kapiolani St
	997 561	Garage, Kapiolani St
	997 562	Garage, Kapiolani St
	997 563	Garage, Kapiolani St
	997 565	Garage, Haleakala St
	997 566	Garage, Haleakala St
	997 567	Garage, Kaiulani St

Table 11. HISTORIC STRUCTURES PRIORITIES, KALALUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
	997 568	Garage, Kaiulani St
	997 569	Garden House
	997 570	Garage, Kaiulani St
	997 571	Garage, Kaiulani St
	997 572	Storage Shed
	997 573	Storage Shed
	997 574	Storage Shed
	997 575	Hothouse
	997 576	Pig Sty, Damien Rd
	997 577	Pig Sty, Damien Rd
	997 578	Storage Shed, Damien
	997 579	Pig Sty, Damien Rd
	997 580	Pig Sty
	997 581	Garage, Damien St
	997 582	Garage, Damien St
	997 583	Storage Shed
	997 584	Garage, Baldwin St
	997 585	Garage, Baldwin St
	997 586	Carport, Baldwin St
	997 587	Garage, Baldwin St
	997 588	Garage, Baldwin St
	997 589	Garage, Baldwin St
	997 590	Storage Shed
	997 591	Storage Shed
	997 593	Garage, McKinley St
	997 601	Hothouse
	997 602	Storage Shed
	997 603	Garage, McKinley St
	997 604	Storage Shed
	997 608	Storage Shed
	997 615	Storage Sd, Goodhue
	997 617SR	Storage Shed
	997 620	Garage, McKinley St
	997 621	Garage, Bishop St
	997 625SR	Tool Shed
	997 626SR	Carport
	997 629SR	Garage
	997 631	Tack Storage
	997 632	Storage Shed
	997 633	Animal Shelter
	997 634	Storage Shed
	997 636	Hothouse
	997 637	Storage Shed
	997 641	Storage Shed
	997 645	Garage, Kilohana St
	997 646	Garage, Kilohana St
	997 647	S.F. Church Garage

Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
A	997 648	S.F. Church Hothouse
	997 649	S.F. Church Outhouse
	997 650	Storage Shed
	997 651	Pigpen
	997 652	Residenc
	997 653	Residenc
	997 654	Residenc
	997 655	Garage
	997 656	Wash House
	997 657	Constr Camp Dorm
	997 657a	Constr Camp Residenc
	997 658	Garage
	997 659	Storage Shed
	997 660	Garage
	997 661	Garage, Res 25
	997 665	Garage
	997 667	Chicken Shed
	997 668	Garage, Kam St
	997 669	Garage, Kam St
	997 670	Storage Shed, Kam St
	997 675	Chickencoop, Kam St
	997 676	Chickencoop, Kam St
	997 678	Garage, Kam St
	997 679	Garage, Kam St
	997 680	Garage, Kam St
	997 681	Garage, Kam St
	997 685	Storage Shed, Tank Fm
	997 692	Garage, Airport Rd
	997 700	Storage Shed, Arpt Rd
	997 701	Shed, Airport Rd
	997 704	Airport Storage
	997 705	Airport Storage
	997 708	Lighthouse Storage
998	2BH	E. H. RESIDENC RUIN
	998 104	Residenc (vacant)
	998 160	Residenc, Damien Rd
	998 502M	McVeigh Storage Shed
	998 503M	McVeigh Storehouse
	998 507M	McVeigh Shed
	998 508M	McVeigh Workshop
	998 509M	McVeigh Shed
	998 510M	McVeigh Carport
	998 515	Garage, Puahi St
	998 594	Garage, McKinley St
	998 595	Storage Shed, McKinl
	998 610	House, Goodhue St
C	998 618SR	Carport

## Table 11. HISTORIC STRUCTURES PRIORITIES, KALAUPAPA.

HISTORICAL BUILDING PRIORITY	BLDG NO	BUILDING NAME
C	998 6195R	Storage Shed
	998 638	Oceanside Pavilion
	998 642	Garage
	998 644	Storage Shed
	998 662	Garage, Kam St
	998 663	Wash House, Kam St
	998 671	Beach House, Arpt Rd
+	998 682	Storage Shed, Arpt Rd
	998 683	Storage Shed, Arpt Rd
	998 684	Storage Shed
	998 690	Storage Shed, Arpt Rd
	998 694	Beach House, Arpt Rd
	998 696	Beach House, Arpt Rd
	998 697	Storage Shed, Arpt Rd
	998 698	Beach House, Arpt Rd
	998 702	Beach House, Arpt Rd
	998 716	Beach House
	998 717	Beach House
	998 718	Beach House
	998 719	Kalawao Pavilion
	998 815	MORMON BEACH HOUSE
	999 6	Shed, Kam St
	999 6BH	Bis Hm Store Room
	999 7BV	STORAGE SHED
	999 8	Residenc, Kam St
	999 8EH	Laundry Room site
	999 16	Residenc, Kam St
	999 29	Residenc, Indust Str
	999 511	Bay View Garage
	999 526	Bay View Carport
	999 527	Bay View Storage Bld
	999 545	Garage, Damien Rd
	999 596	Nursery Shed
	999 597	Nursery Shed
	999 605	Storage Shed
	999 606	Storage Shed
	999 607	Structure
	999 611	Storage Shed
	999 612	Storage Shed
	999 616	Storage Sd, Goodhue
	999 666	Shed
	999 673	Storage Shed, Kam St
	999 674	Hothouse, Kam St
	999 686	Explosive Shed
	999 689	House, Airport Road
	999 664	

BIBLIOGRAPHY

- Apple, Russell A. and Edmund J. Ladd. 1976. National Register of Historic Places. Form submitted as a National Historical Landmark which was approved by the Secretary of the Interior, January 7, 1976.
- Damon, Ethel M. Siloama, the Church of the Healing Spring. 98 pp.
- Farrow, John. 1951. Damien the Leper. Sheed & Ward, NY.
- Gilbert, Bill. 1977. A Hellish Spot in Heavenly Surroundings. Audubon Magazine, Mar 79(2):
- Gugelyk, Ted and Milton Bloombaum. 1979. Mai Hookaawale, The Separating Sickness. Social Science Institute, University of Hawaii.
- Jourdain, Vital. 1955. The Heart of Father Damien, 1840-1889. Bruce Publishing Company, Milwaukee.
- Korn, Alfons L. 1976. News from Molokai, Letters between Peter Kaeo and Queen Emma, 1873-1876. University of Hawaii Press.
- Mitchener, James A. 1959. Hawaii. Chapter III from the Starving Village, pp 470-598. Random House, NY.
- Mouritz, A. A. StM. 1916. The path of the Destroyer: A History of Leprosy in the Hawaiian Islands and Thirty Years Research into the Means by Which It Has Been Spread. Honolulu.
- National Geographic. 1981. Molokai. National Geog 160(2):
- National Park Service. 1971. NPS Criteria for Park Lands. pp 13-15, Criteria for Historical Areas. U. S. Government Printing Office No. 2405-0279.
- National Park Service. 1977. Alternatives Study, Kalaupapa Leprosy Settlement, Molokai, Hawaii. December 1977.
- National Park Service. 1978. Alternatives Study, Kalaupapa Leprosy Settlement, Working Draft, Molokai, Hawaii. July 1978.
- National Park Service. 1980. A Proposal for the Establishment of the Kalaupapa National Historical Preserve, Molokai, Hawaii. April 1980.
- Soulliere, Laura E. and Henry G. Law. 1977. Building Inventory, Kalaupapa. Western Regional Office, National Park Service. Volumes 1-3.

Soulliere, Laura E. and Henry G. Law. 1979. Architectural Evaluation, Kalaupapa Leprosy Settlement, Molokai, Hawaii. Western Regional Office, National Park Service. July 1979. 64 pp. mimeo.

Stevenson, Robert Louis. 1968. Father Damien, An Open Letter to the Reverend Doctor Hyde from Robert Louis Stevenson. Cobble Hill Press, NY.

Summers, Catherine C. 1971. Archeological Survey, Molokai.